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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

**ATTORNEY'S DOCKET NUMBER  
53550.80**

**U.S.APPLICATION NO. (If known, see 37 CFR 1.5)  
10/578170**

**INTERNATIONAL APPLICATION NO.  
PCT/NO04/00333**

**INTERNATIONAL FILING DATE  
4 November 2004**

**PRIORITY DATE CLAIMED  
4 November 2003**

**TITLE OF INVENTION**

Method, Installation and Component for Destruction of Live Organisms in a Liquid

**APPLICANT(S) FOR DO/EO/US**

Dennis Mason and Per-Arne Berger

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached herewith (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unexecuted)
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application data sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 15(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/578170</b>	INTERNATIONAL APPLICATION NO. PCT/N004/00333	ATTORNEY'S DOCKET NUMBER 53550.80			
20. <input type="checkbox"/> Other items or information:					
The following fees are submitted:					
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300.00		CALCULATIONS      PTO USE ONLY \$ 300.00			
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPE/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0		\$ 200.00			
All other situations ..... \$200.00					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPE/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100.00					
International Search Report prepared ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400.00					
All other situations ..... \$500.00		500.00			
<b>TOTAL OF 21, 22 and 23 =</b>		\$ 1000.00			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction RATE thereof (round up to a whole number)	RATE		
-100 =	/50 =		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		25	- 20 = 5	X \$50.00	\$ 250.00
Independent Claims		3	- 3 =	X \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$ 360.00
			<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 1610.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2			+ \$805.00		
			<b>SUBTOTAL =</b>	\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))			+ \$		
			<b>TOTAL NATIONAL FEE =</b>	\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$		
			<b>TOTAL FEES ENCLOSED =</b>	\$ 805.00	
			<b>Amount to be refunded:</b>	\$	
			<b>Amount to be charged:</b>	\$	

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PTO-1390 (Rev. 07-2005)

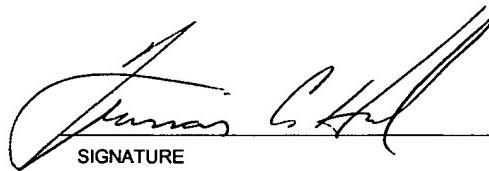
Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

- a.  A check in the amount of \$605 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 03-0678 in the amount of \$\_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-0678. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein  
5 Becker Farm  
Roseland, New Jersey 07068



SIGNATURE

Francis C. Hand

NAME

22,280

REGISTRATION NUMBER

288251

10/578170

IAP12 Rec'd PCT/PTO 04 MAY 2006

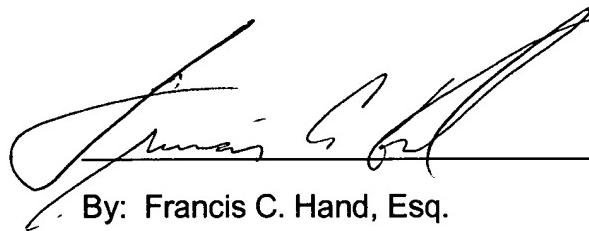
**EXPRESS MAIL CERTIFICATION**

Sir:

I hereby certify that this correspondence is being deposited with the US Postal Service Express Mail No. EV 439772219 US under 37 CFR 1.10 with sufficient postage on the date and address indicated on:

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Date: May 4, 2006



By: Francis C. Hand, Esq.

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